## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

Docket No. 70869-0113US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

	tion enti	<del></del>	NTR	IFUGE WITE	I VII	BRATION ISOI	LATION		
and ir	vented	by:		·····				·	
Ja	mes R. l	ELLSW	ORT	H and Paul M	(cGC	OVERN			
lf a C	ONTIN	UATIO	N API	PLICATION,	chec	k appropriate b	ox and supply	the requisite information:	
	Continu	uation		Divisional		Continuation	-in-part (CIP)	of prior application No.:	
	h is a:								
	Continเ :h is a:	uation		Divisional		Continuation	-in-part (CIP)	of prior application No.:	<del></del>
·	การ a. Continเ	uation		Divisional		Continuation	-in-part (CIP)	of prior application No.:	
							. ( , , ,		-
Enclo	osed are	<b>:</b> :							
						Applicatio	n Elements		
1.	⊠ F	iling fee	e as c	calculated and	trar	nsmitted as des	cribed below		
2.	× s	Specifica	ation !	having		10	_ pages and in	ncluding the following:	
प्  	a. 🗵	🛚 Des	cripti	ve Title of the	e Inve	ention			
	b. □	Cro	ss Re	eferences to F	₹elat	ed Applications	(if applicable)		
	<ul> <li>b. ☐ Cross References to Related Applications (if applicable)</li> <li>c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)</li> </ul>								
	d. [	] Ref	erenc	ce to Sequenc	e Li	sting, a Table, c	or a Computer <b>i</b>	Program Listing Appendix	
	e. 🗵	3 Bac	kgro	und of the Inv	entic	on			
	f. <b>∑</b>	3 Brie	f Sur	nmary of the	Inve	ntion			
	g. 🗵	ß Brie	f Des	scription of the	e Dra	awings (if filed)			
	h. 🗵	d Deta	ailed	Description					
	i. 🗵	🛚 Clai	m(s)	as Classified	Belo	ow			
	j. 🗵	_	, ,	of the Disclos					
; ; ;	-								



## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. **70869-0113US** 

Total Pages in this Submission

	Application El ments (Continued)											
3.	$\boxtimes$	Drawing(s) (when necessary as prescribed by 35 USC 113)										
	a.	□ Formal Number of Sheets										
	b.	✓ Informal Number of Sheets two (2)										
4.	$\boxtimes$	ath or Declaration										
	a.	□ Newly executed (original or copy) ☑ Unexecuted										
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)										
. •	C.	With Power of Attorney □ Without Power of Attorney □										
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).										
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.										
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)										
7.		Application Data Sheet (See 37 CFR 1.76)										
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)										
•	a.	☐ Computer Readable Form (CRF)										
	b.	☐ Specification Sequence Listing on:										
		i.   CD-ROM or CD-R (2 copies); or										
		ii. 🔲 Paper										
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy										
		Accompanying Application Parts										
9.		Assignment Papers (cover sheet & document(s))										
10.		37 CFR 3.73(B) Statement (when there is an assignee)										
11.		English Translation Document (if applicable)										
12.		Information Disclosure Statement/PTO-1449   Copies of IDS Citations										
13.		Preliminary Amendment										
14.	$\boxtimes$	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)										
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)										
16.		Certificate of Mailing										
		☐ First Class ☐ Express Mail (Specify Label No.):										

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 70869-0113US

Total Pages in this Submission

Accompanying Application Parts (Continued)										
17.		Additional Enclosures (please identify below):								
-										
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)								
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.								
		Warning								
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.								
•										

# 07/30/03

## UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 70869-0113US

Total Pages in this Submission

10/629825

### Fee Calculation and Transmittal

#### **CLAIMS AS FILED** For #Filed #Allowed #Extra Rate Fee \$0.00 **Total Claims** - 20 = \$18.00 0 Χ Indep. Claims 3 \$84.00 \$0.00 - 3 = 0 X Multiple Dependent Claims (check if applicable) \$0.00 \$750.00 **BASIC FEE** OTHER FEE (specify purpose) \$0.00 **TOTAL FILING FEE** \$750.00 A check in the amount of \$750.00 to cover the filing fee is enclosed. ☑ The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1088 as described below. A duplicate copy of this sheet is enclosed. ☐ Charge the amount of as filing fee. ☑ Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: **JULY 30, 2003** 

CONRAD J. CLARK, REG. NO. 30,340

**CLARK & BRODY** 

1750 K STREET, NW, SUITE 600

WASHINGTON, DC 20006 PHONE: 202-835-1111 FAX: 202-835-1755

CC: